Bruhat Bangalore Mahanagara Palike
Dasharahalli Zone

Name of Work : -Improvements to Park Fencing and other works in ward no 12, Shettyhalli sub Division

Estimated Cost : Rs 10.00 Lakhs			P code-3292				Job No : 012-19-000020		
Sl. No.	Description of work	Unit	Measurements No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1 : Earthwork in surface excavation in **ordinary soil** for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1**(P. No. 5 / Item No. 2.1 of PWD SR 2018-19)**								
		cum	1	45.00	12.00	0.20	108.00		
							108.00	**268.92**	**29043.36**
	Basic Rate	249.00							
	Area Weightage @ 8%	19.92							
	Total	**268.92**							
2	**Earth work excavation for foundation of building** water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of colds complete as per specifications.(**PWD SR 2018-19 P 5 It 2.4)**								
		Cum	1	88.00	0.90	1.05	83.16		
							83.16	**322.92**	**26854.00**
	Basic Rate	**299.00**							
	Area Weightage 8%	23.92							
		322.92							
3	KSRB 4-1.2 : Providing and laying in position plain **cement concrete of mix 1:3:6 with OPC** cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS **It No 4.2 PWD SR 2018-19)**								
		Cum	1	88.00	0.90	0.15	11.88		
							11.88	**5,609.52**	**66641.00**
	Basic Rate	5,194.00							
	Area Weightage 8%	415.52							
		5,609.52							
4	Providing and constructing **granite /trap/ baslat size stone masonry in foundation** with cement mortar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications **(P No. 23, Item No. 5.6)**								
		Cum	1	88.00	0.75	0.60	39.60		

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							39.60	4,963.68	196562.00
	Basic Rate	4,596.00							
	Area Weightage 8%	367.68							
		4,963.68							
5	Providing and constructing **granite /trap/ baslat size stone masonry in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications **(Page No. 23, Item No. 5.9)**								
	For Basement	Cum	1	88.00	0.50	0.45	19.80		
					Net Qty		**19.80**	**5,921.64**	**117248.00**
	Basic Rate	5,483.00							
	Area Weightage 8%	438.64							
		5,921.64							
6	**Providing ruled pointing to coursed stone masonry** with cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, labour, curing complete as per specifications **(Page NO. 113, Item No. 15.3)**								
		Sqm	1	88.00		0.45	39.60		
					Net Qty		**39.60**	**153.36**	**6073.00**
	Basic Rate	142.00							
	Area Weightage 8%	11.36							
		153.36							
7	**Filling avaialble excavated earth** (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification **(Page No.6, Item No. 2.10)**								
		Cum		Qty as per It 1			**83.16**	217.08	**18052.00**
	Basic Rate	201.00							
	Area Weightage 8%	16.08							
		217.08							
8	Supplying and fixing **M.S. Rectangular poles made out of 2 equal angles** of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and **including providing 2 coats of approved quality paint** over one coat of shop painting (excluding cost of earthwork and concrete) (P.No.266,I.No.37.2)								
		Mtr	36	2.50			90.00		
							90.00	**910.54**	**81948.60**
	Basic-	859.00							
	Add 6% Area weightage	51.54							
	Total	**910.54**							
9	Providing and fixing **M.S. Block pipe of 38mm dia,** of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete **including two coats of approved quality** paint over one coat of shop paint.(P.No.266,I.No.37. 4)								

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	mtr	3x 36	2.50			270.00		
						270.00	**432.48**	**116769.60**
Basic-	408.00							
Add 6% Area weightage	24.48							
Total	**432.48**							
Providing **chain link fencing 50mm size of 8 guage** properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including **two coats of approved quality paint** over one coat of shop paint (Page no-266, Item no-37.3)								
	sqm	1	90.00		1.80	162.00		
						162.00	**757.90**	**122779.80**
Basic-	715.00							
Add 6% Area weightage	42.90							
Total	**757.90**							
11 KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **(P.No 12, It 4.6 of PWD SR 2016-17)**								
Chain link Fencing	cum	36	0.60	0.45	0.45	4.37		
		1	90.00	0.50	0.15	6.75		
						11.12	**5747.32**	**63910.20**
Basic Rate	5422.00							
AW 6%	325.32							
Total	**5747.32**							
						Sub Total		**845881.56**
12 Add GST @ 12 %								101506.00
13 Add Teder Premium @ 5%								42294.08
14 Add PMC charges @ 1%								8459.00
15 Add for unforseen charges and rounding off							L.s	1859.36
						Grand Total		1000000.00
(Rupees Ten Lakhs Only)								

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-19
4. The Provisions made in the estimate are Necessary and essential.
5. This work is not included in any other work taken up

Assistant Engineer
Ward-12

Asst. Exeutive Engineer
Shetty halli Sub-division
BBMP, Bangalore

Exeutive Engineer
Dasarahalli division
BBMP, Bangalore

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